

SEQUENCE LISTING

<110> KIEWER, Steven A.
JONES, Stacey A.
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<122> AN ORPHAN NUCLEAR RECEPTOR

<130> 510-125

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<151> 1998-03-27

<160> 14

<173> PatentIn Ver. 2.0

422

4211 25

4510 DIA

Q213 - Artificial Sequence

• • • • •

4231 Description of Artificial Sequence: CNA sequence

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2010年12月17日

21.

1. *Chlorophyll a* (Chl *a*)

22. 45.

Figure 1. The effect of the concentration of the *Agaricus bisporus* spores on the growth of *Agaricus bisporus* on the substrate.

3.3.3 Artificial Sequence

657

4.4.10 Description of Artificial Sequence: DNA sequence

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3117 11/11/77 22170847000 243460000 243460000 243460000

45

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the experimental group. The experimental group was divided into two subgroups: the control group and the experimental group.

The diagram illustrates the experimental design. It shows a sequence of three events: 'Stimulus' (a face), 'Response' (a button press), and 'Reward' (a coin). The sequence is labeled 'Stimulus', 'Response', and 'Reward'.

Cell. DNA

Q10. Artificial Sequence

22

6.2.1. Description of Artificial Sequence: DNA genome

100

gggtatgggg gatcctcagc tacctgtgat gccg

34

<210> 4

422 • 31

SECRET, CIA

4.1.3. Artificial Sequence

1. *Chlorophyll a* (Chl *a*)

4.2.3. Description of Artificial Sequence: DNA Template

— 1 —

gite: gacay tteagayag teatetagan c

31.

100

<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: DNA genome

<400> 5
gatcaatatg aactcaaaagg aggtcagtg

29

<210> 6
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
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<210> 7
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<220>
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<210> 9
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<220>
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31

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<220>
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<210> 11
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<220>
<223> Description of Artificial Sequence: Protein

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Ile Arg Glu Leu Met Asp Ala Gln Met Lys Thr Phe Asp Thr Thr Phe
35 40 45
Ser His Phe Lys Asn Phe Arg Leu Pro Gly Val Leu Ser Ser Gly Cys
50 55 60
Gln Leu Pro Glu Ser Leu Gln Ala Pro Ser Arg Gln Gln Ala Ala Lys
65 70 75 80
Trp Ser Gln Val Arg Lys Asp Leu Cys Ser Leu Lys Val Ser Leu Gln
85 90 95
Leu Arg Gly Gln Asp Gly Ser Val Trp Asn Tyr Lys Pro Pro Ala Asp
100 105 110
Ser Gly Gly Lys Gln Ile Phe Ser Leu Leu Pro His Met Ala Asp Met
115 120 125
Ser Thr Tyr Met Phe Lys Gly Ile Ile Ser Phe Ala Lys Val Ile Ser
130 135 140
Tyr Phe Arg Asp Leu Pro Ile Gln Asp Gln Ile Ser Leu Leu Lys Gly
145 150 155 160
Ala Ala Phe Gln Leu Cys Gln Leu Arg Phe Asn Thr Val Phe Asn Ala
165 170 175
Gln Thr Gly Thr Trp Gln Cys Gly Arg Leu Ser Tyr Cys Leu Gln Asp
180 185 190
Thr Ala Gly Gly Phe Gln Gln Leu Leu Leu Gln Pro Met Leu Lys Phe
195 200 205
His Tyr Met Leu Lys Lys Leu Gln Leu His Gln Gln Gln Tyr Val Leu
210 215 220
Met Gln Ala Ile Ser Leu Phe Ser Pro Asp Arg Pro Gly Val Leu Gln
225 230 235 240
His Arg Val Val Asp Gln Leu Gln Gln Gln Phe Ala Ile Thr Leu Lys
245 250 255
Ser Tyr Ile Gln Cys Asn Arg Pro Gln Pro Ala His Arg Phe Leu Phe
260 265 270
Leu Lys Ile Met Ala Met Leu Thr Gln Leu Arg Ser Ile Asn Ala Gln
275 280 285

His Thr Gln Arg Leu Leu Arg Ile Gln Asp Ile His Pro Phe Ala Thr
290 295 300

Pro Leu Met Gln Glu Leu Phe Gly Ile Thr Gly Ser
305 310 315

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Asn Met Gly Leu Asn Pro Ser Ser Pro Asn Asp Pro Val Thr Asn Ile
35 40 45
Lys Gln Ala Ala Asp Lys Gln Leu Phe Thr Leu Val Glu Trp Ala Lys
50 55 60
Arg Ile Pro His Phe Ser Gln Leu Pro Leu Asp Asp Gln Val Ile Leu
65 70 75 80
Leu Arg Ala Gly Trp Asn Glu Leu Leu Ile Ala Ser Phe Ser His Arg
85 90 95
Ser Ile Ala Val Lys Asp Gly Ile Leu Leu Ala Thr Gly Leu His Val
100 105 110
His Arg Asn Ser Ala His Ser Ala Gly Val Gly Ala Ile Phe Asp Arg
115 120 125
Val Leu Thr Glu Leu Val Ser Lys Met Arg Asp Met Gln Met Asp Lys
130 135 140
Thr Glu Leu Gly Cys Leu Arg Ala Ile Val Leu Phe Asn Pro Asp Ser
145 150 155 160
Lys Gly Leu Ser Asn Pro Ala Glu Val Glu Ala Leu Arg Gln Lys Val
165 170 175
Tyr Ala Ser Leu Gln Ala Tyr Cys Lys His Lys Tyr Pro Glu Gln Pro
180 185 190
Gly Arg Phe Ala Lys Leu Leu Leu Arg Leu Pro Ala Leu Arg Ser Ile
195 200 205
Gly Leu Lys Cys Leu Glu His Leu Phe Phe Phe Lys Leu Ile Gly Asp
210 215 220
Thr Pro Ile Asp Thr Phe Leu Met Glu Met Leu Glu Ala Pro His Gln
225 230 235 240 245 250 255 260
Met Thr

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 aagtgttcac agtgagaaaa gcaagagaat aagctaatac tccgtgctctg aacaaggccag 180
 cggctccttg gtaaaagctac tccctgatcg atcctttgca cgggattggtt caaagtggac 240
 cccagggggag aagtccggagc aaagaactta ccacaaagca gtccaagagg cccagaagca 300
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 acagagtctg ttcctggaaa gccagtgctc aacgcagatg aggaagtccg aggtccccc 420
 atctgccttg tatgtgggga caaggccact ggcattcaat tcaatgtcat gacatctgaa 480
 ggatgcaagg gctttctcag gagggccatg aaacgcaacg cccggctgag gtgccccttc 540
 cggaaaggcg cctgagagat caccgggaag acccgggagc agtgcacagg cctgcggctg 600
 cgttaagtgc tggagagggg catgaagaag gagatgatca tgtccgacga ggcctggag 660
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 gctctctg gctctctg gctctctg gctctctg gctctctg gctctctg 1860
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 gctctctg gctctctg gctctctg gctctctg gctctctg gctctctg 2100
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 Gln Gln Val Gly Gly Pro Gln Ile Cys Arg Val Cys Gly Asp Lys Ala
 35 40 45
 Thr Gly Tyr His Pro Asn Val Met Thr Cys Gln Gly Cys Lys Gly Phe

50

55

60

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Phe | Arg | Arg | Ala | Met | Lys | Arg | Asn | Ala | Arg | Leu | Arg | Cys | Pro | Phe | Arg |
| 65 | | | | | 70 | | | | | 75 | | | | | 80 |
| Lys | Gly | Ala | Cys | Glu | Ile | Thr | Arg | Lys | Thr | Arg | Arg | Gln | Cys | Gln | Ala |
| | | | | 85 | | | | | 90 | | | | | 95 | |
| Cys | Arg | Leu | Arg | Lys | Cys | Leu | Glu | Ser | Gly | Met | Lys | Lys | Glu | Met | Ile |
| | | 100 | | | | | | 105 | | | | | 110 | | |
| Met | Ser | Asp | Glu | Ala | Val | Glu | Glu | Arg | Arg | Ala | Leu | Ile | Lys | Arg | Lys |
| | | 115 | | | | | | 120 | | | | | 125 | | |
| Lys | Ser | Glu | Arg | Thr | Gly | Thr | Gln | Pro | Leu | Gly | Val | Gln | Gly | Leu | Thr |
| | | 130 | | | | 135 | | | | | 140 | | | | |
| Glu | Glu | Gln | Arg | Met | Met | Ile | Arg | Glu | Leu | Met | Asp | Ala | Gln | Met | Lys |
| 145 | | | | | 150 | | | | | 155 | | | | | 160 |
| Thr | Phe | Asp | Thr | Thr | Phe | Ser | His | Phe | Lys | Asn | Phe | Arg | Leu | Pro | Gly |
| | | | | 165 | | | | | 170 | | | | | 175 | |
| Val | Leu | Ser | Ser | Gly | Cys | Glu | Leu | Pro | Gln | Ser | Leu | Gln | Ala | Pro | Ser |
| | | | 180 | | | | | 185 | | | | | 190 | | |
| Arg | Glu | Glu | Ala | Ala | Lys | Trp | Ser | Gln | Val | Arg | Lys | Asp | Leu | Cys | Ser |
| | | 195 | | | | | 200 | | | | | 205 | | | |
| Leu | Lys | Val | Ser | Leu | Gln | Leu | Arg | Gly | Glu | Asp | Gly | Ser | Val | Trp | Asn |
| | 210 | | | | | 215 | | | | | 220 | | | | |
| Tyr | Lys | Pro | Pro | Ala | Asp | Ser | Gly | Gly | Lys | Glu | Ile | Phe | Ser | Leu | Leu |
| 225 | | | | | 230 | | | | | 235 | | | | | 240 |
| Pro | His | Met | Ala | Asp | Met | Ser | Thr | Tyr | Met | Phe | Lys | Gly | Ile | Ile | Ser |
| | | | 245 | | | | | | 250 | | | | | 255 | |
| Phe | Ala | Lys | Val | Ile | Ser | Tyr | Phe | Arg | Asp | Leu | Pro | Ile | Gln | Asp | Gln |
| | | 260 | | | | | | 265 | | | | | 270 | | |
| Ile | Ser | Leu | Leu | Lys | Gly | Ala | Ala | Phe | Gln | Leu | Cys | Gln | Leu | Arg | Phe |
| | | 275 | | | | | 280 | | | | | 285 | | | |
| Asn | Thr | Val | Phe | Asn | Ala | Gln | Thr | Gly | Thr | Trp | Gln | Cys | Gly | Arg | Leu |
| | | 290 | | | | 295 | | | | | 300 | | | | |
| Ser | Tyr | Cys | Leu | Gln | Asp | Thr | Ala | Gly | Gly | Phe | Gln | Gln | Leu | Leu | Leu |
| 305 | | | | | 310 | | | | | 315 | | | | | 320 |
| Glu | Pro | Met | Leu | Lys | Phe | His | Tyr | Met | Leu | Lys | Lys | Leu | Gln | Leu | His |
| | | | 325 | | | | | | 330 | | | | | 335 | |
| Glu | Glu | Glu | Tyr | Val | Leu | Met | Gln | Ala | Ile | Ser | Leu | Phe | Ser | Pro | Asp |
| | | | 340 | | | | | 345 | | | | | 350 | | |
| Arg | Pro | Gly | Val | Leu | Gln | His | Arg | Val | Val | Asp | Gln | Leu | Gln | Gln | Gln |
| | | 355 | | | | | 360 | | | | | 365 | | | |
| Phe | Ala | Ile | Thr | Leu | Lys | Ser | Tyr | Ile | Glu | Cys | Asn | Arg | Pro | Gln | Pro |
| | 370 | | | | | 375 | | | | | 380 | | | | |
| Ala | His | Arg | Phe | Leu | Phe | Leu | Lys | Ile | Met | Ala | Met | Leu | Thr | Gln | Phe |
| 385 | | | | | 390 | | | | | 395 | | | | | 400 |

Ala Thr Pro Leu Met Gln Glu Leu Phe Gly Ile Thr Gly Ser
405 410